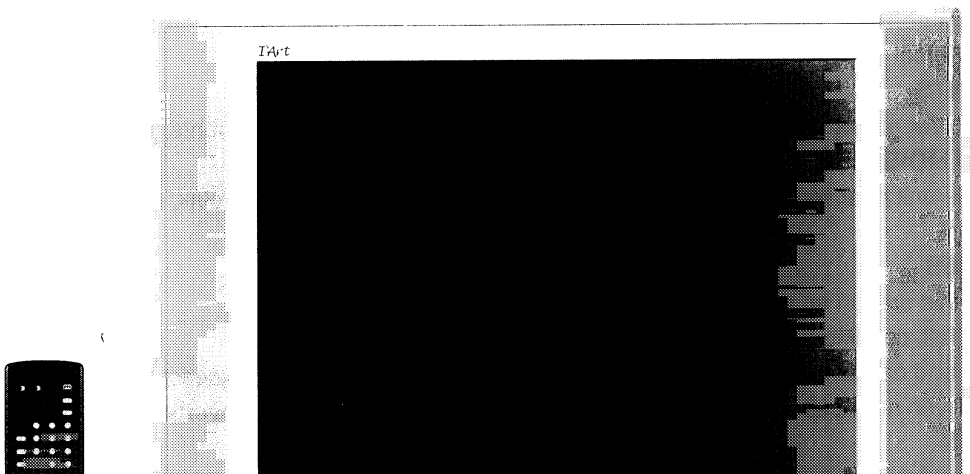
JVC®

OLOR TELEVISION
SER'S GUIDE

For model:
AV-24F702
AV-20F702



The lightning flash with arrowhead symbol, within an equilateral triangle is intended to alert the user to the presence of uninsulated dangerous voltage within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

essly approved by the party responsible for compliance with the FCC Rules
perate this equipment.

AZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE:
DO NOT USE THIS POLARIZED PLUG WITH AN EXTENSION CORD,
ET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE

AFEGUARDS

ld be read before the unit is operated.

be retained for future reference.

nstructions should be adhered to.

ollowed.

aning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning

any recommendations for attachments, as they may cause hazards.

near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a

PORTABLE CART WARNING
(symbol provided by RETAC)

S3126A

nd, tripod, bracket, or table.
serious damage to the unit.
moved with care. Quick stops, excessive
ppliance and cart combination to overturn.

tom are provided for ventilation, and to ensure reliable operation of the unit, and to
nust not be blocked or covered. The openings should never be blocked by placing
urface. This unit should never be placed near or over a radiator or heat source.
tallations such as a bookcase or rack unless proper ventilation is provided or the
ed to.

pe of power source indicated on the rating plate. If you are not sure of the type of
liance dealer or local power company. For units intended to operate from battery
g instructions.

ng-current line plug (a plug having one blade wider than the other). This plug will fit
afety feature. If you are unable to insert the plug fully into the outlet, try reversing
ct your electrician to replace your obsolete outlet. Do not defeat the safety purpose
with a 3-wire grounding-type plug, a plug having a third (grounding) pin. This plug
This too, is a safety feature. If you are unable to insert the plug into the outlet,
e outlet. Do not defeat the safety purpose of the grounding-type plug.

they are not likely to be walked on or pinched by items placed upon or against

LIGHTNING

To protect your unit during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the unit due to lightning and power line surges.

POWER LINES

An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits, as contact with them might be fatal.

OVERLOADING

Do not overload wall outlets and extension cords as this can result in a risk of fire or electric shock.

OBJECT AND LIQUID ENTRY

Do not push objects through any openings in this unit, as they may touch dangerous voltage points or short out parts that could result in fire or electric shock. Never spill or spray any type of liquid into the unit.

OUTDOOR ANTENNA GROUNDING

If an outside antenna or cable system is connected to the unit, be sure the antenna or cable system is grounded to provide some protection against voltage surges and built-up static charges, Section 810 of the National Electrical Code, ANSI/NFPA 70, provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna discharge unit, connection to grounding electrodes, and requirements for the grounding electrode.

SERVICING

Do not attempt to service this unit yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

DAMAGE REQUIRING SERVICE

Unplug this unit from the wall outlet and refer servicing to qualified service personnel under the following conditions:

a. When the power-supply cord or plug is damaged.
b. If liquid has been spilled, or objects have fallen into the unit.
c. If the unit has been exposed to rain or water.
d. If the unit does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions, as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the unit to its normal operation.
e. If the unit has been dropped or the cabinet has been damaged.
f. When the unit exhibits a distinct change in performance, this indicates a need for service.

REPLACEMENT PARTS

When replacement parts are required, be sure the service technician uses replacement parts specified by the manufacturer or those that have the same characteristics as the original part.
Unauthorized substitutions may result in fire, electric shock or other hazards.

SAFETY CHECK

Upon completion of any service or repairs to this unit, ask the service technician to perform safety checks to determine that the unit is in proper operating condition.

HEAT

The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.

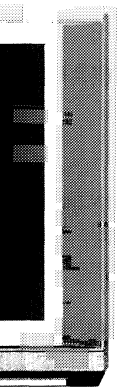
NOTE TO CATV SYSTEM INSTALLER

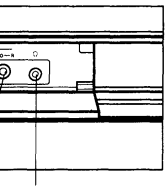
This reminder is provided to call the CATV system installer's attention to Article 820-40 of the NEC that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical.

of surrounding light resulting in outstanding image detail and clarity.
capable of receiving all 68 VHF/UHF standard broadcast channels that are available in
m, it can tune to the standard VHF channel frequencies plus up to 113 cable channel
received depends upon channel reception in your area or your cable system.
of channel, sleep timer, volume level, muting, text/caption indicators and picture
in English, Spanish or French.
turn on or off your TV at a set time.
ntrol, this TV can be programmed up to 120 minutes to turn off automatically.
ating of a TV program or movie content if the program is encoded with this
a restriction level.
een display allows precise remote control adjustment of BRIGHTNESS, COLOR,
PONENT.
captions or 1/2 of full screen text on the screen for hearing impaired viewers.
d to receive stereo and separate audio program (SAP) broadcasts where available.
much presence.
types of video input jacks. The component video in jacks and S-video in jack enable
vices with high quality picture.
R, Cable Box, Satellite Dish and DVD after you have registered the 3-digit codes for

ROLS

Illustration of AV-24F702





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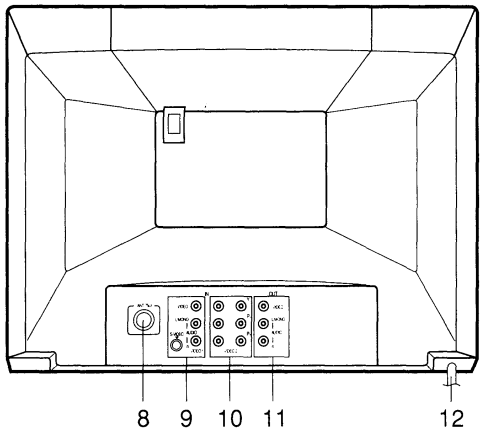
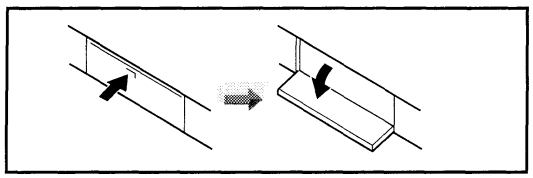
BACK



8 9 10 11 12

HOW TO OPEN THE FRONT DOOR



on or off.
note Control unit

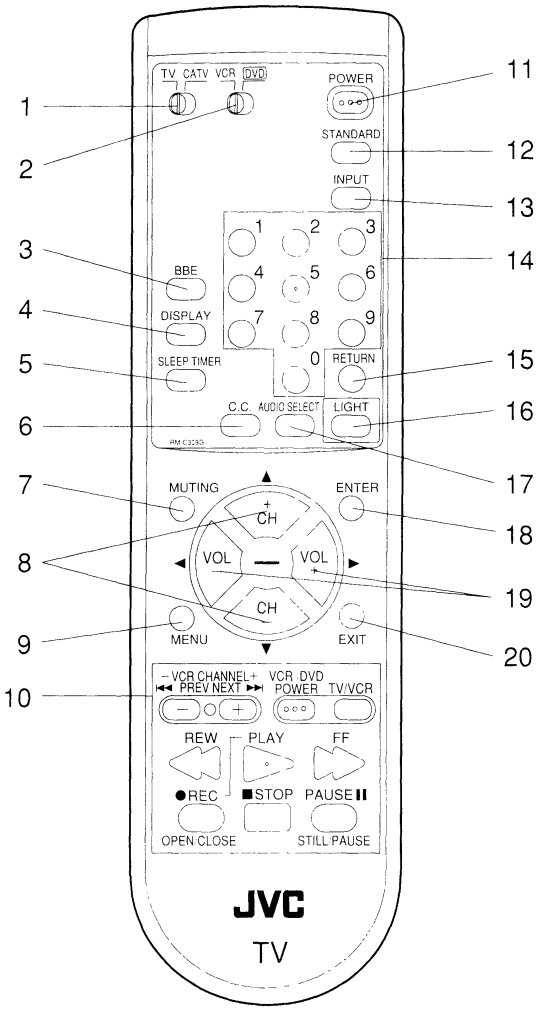
hts up when the
TIMER program

ct a higher or
ry.
or lower the

video signal
connected here.
e or headphones
tening.
HF/UHF antenna

9. **VIDEO 1 IN Jacks (Rear) -** Audio and video signal cables from an external source (ex. VCR) can be connected here. If your video device has S-video out jack, connect to S-video in jack.
10. **VIDEO 2 IN Jacks -** Audio and video signal cables from an external source (ex. DVD) can be connected here. If you have a DVD with component video out jacks, connect to the component video in jacks. If you have a video device without the component video out, connect to video in jack.
11. **REAR AUDIO (L / R) /VIDEO OUT Jacks -** Used to output audio and video signals to a TV, amplifier or VCR. NOTE: This video out jack does not output the signal from component video in jacks.
12. **AC Power Cord -** Connect to a 120V, 60Hz outlet.

EMOTE CONTROL



TV/CATV Switch - Used to select the TV or Cable Box to be operated. (You can operate your cable box after you have programed the remote control.)

VCR/DVD switch - Used to select the VCR or DVD to be operated. (You can operate your VCR or DVD after you have programed the remote control.)

BBE Button - Press to turn BBE On or Off.

DISPLAY Button - Displays the current status time, channel (or Input), the present settings on the TV screen.

SLEEP TIMER Button - Sets the TV to turn off automatically after up to 120 minutes.

C.C. (Closed Caption) Button - Switches between Caption, Text and TV modes for Closed-Captioned programs.

MUTING Button - Press to turn off the sound. Press again to turn the sound back on.

CH +/– Buttons - Press the + button to change to a

10. **VCR or DVD Operation Buttons -** Press to operate your VCR or DVD.
11. **POWER Button -** Press to turn the TV on or off.
12. **STANDARD Button -** Press to reset the On-Screen picture adjustments or Audio adjustment to their factory preset positions.
13. **INPUT Button -** Switches between the TV and external input sources.
14. **10-key pad -** Allows direct access to any channel of the TV, VCR or Cable box.
15. **RETURN Button -** Switches between the present channel and the last channel selected.
16. **LIGHT Button -** Press to turn the illumination on for CH +/– and VOL +/– buttons.
17. **AUDIO SELECT Button -** Switches sound between mono and stereo, and SAP when receiving broadcasts in stereo or SAP.

ver in the direction

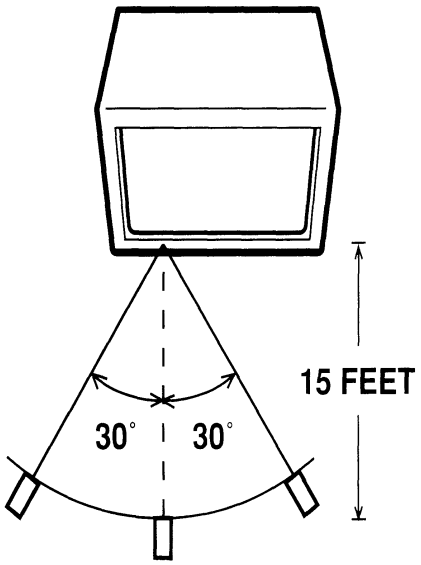
tteries, paying
n the battery

BATTERY PRECAUTIONS

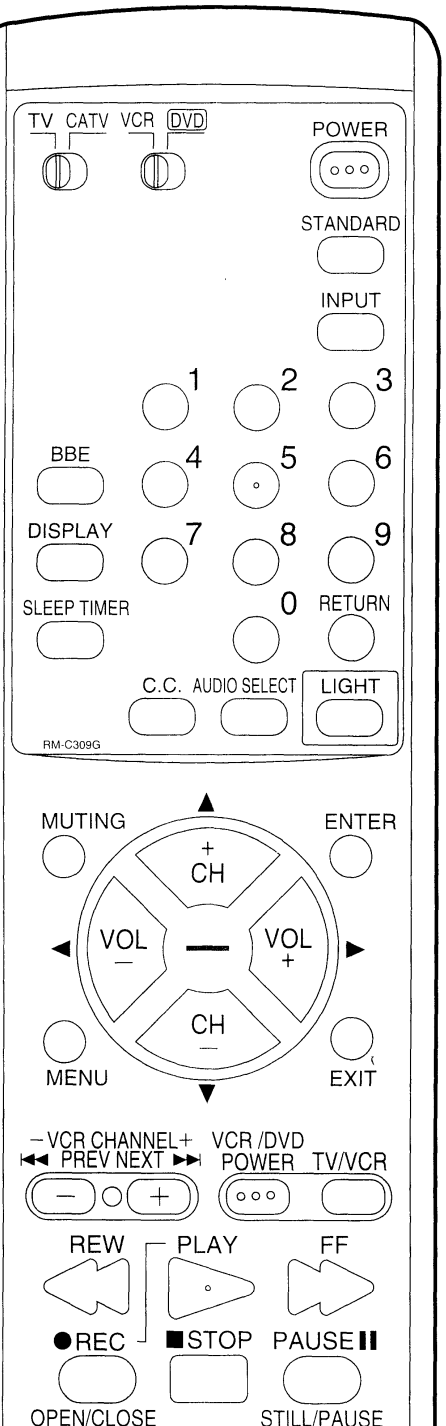
The precautions below should be followed when using batteries in this device:

1. Use only the size and type of batteries specified.
2. Be sure to follow the correct polarity when installing the batteries as indicated in the battery compartment. Reversed batteries may cause damage to the device. To avoid a potential short circuit, insert the "–" end first.
3. Do not mix different types of batteries together (e.g. Alkaline and Carbon-zinc) or old batteries with fresh ones.
4. If the device is not to be used for a long period of time, remove the batteries to prevent damage or injury from possible battery leakage.
5. Do not try to recharge batteries not intended to be recharged; they can overheat and rupture. (Follow battery manufacturer's directions.)
6. When you change the batteries, try to complete the task within three minutes. If you take longer than three minutes, the remote control codes for your Cable Box may have to be reset (see page 8).

HE REMOTE CONTROL TRANSMITTER



e between the TV and the transmitter, the transmitter may not operate.
ncandescent lamp, fluorescent lamp or any other strong light shines on the
the remote operation may be unstable.



REMOTE CONTROL BASICS

- Before you can operate the remote control, you must first install the batteries (included). See "Changing the Batteries" on this page above for instructions. (For an illustration, please see page 6.)
- Press the POWER button to turn the television on or off.
- Make sure the TV/CATV switch is set to TV. Move the switch to CATV only if you need to operate a cable box.
- Slide the VCR/DVD selector switch to VCR to control a VCR, slide to DVD to control a DVD player. Please see pages 8 to 10 for instructions on programming your remote control to operate a Cable box, VCR or DVD player.
- Press the CH + and CH – buttons to scan through the channels. Tap the CH + or CH – button to move through the channels one channel at a time.
- Press VOL + or VOL – to raise or lower the volume. An indicator bar will appear onscreen to show you the television volume level.
- The CH +/– and VOL +/– buttons are also used to navigate JVC's onscreen menu system.
- You can directly access specific channels using the 10-key pad.
- This remote includes illuminated buttons for key features like CH +/– buttons, and VOL +/– buttons. Press the LIGHT button to turn the illumination on.

CHANGING THE BATTERIES

Push down on the remote's back cover and slide towards the bottom to remove it.

Insert two AA batteries (supplied), carefully noting the "+" and "–" markings on the batteries and on the remote control. To avoid a potential short circuit, insert the "–" end first.

Be sure to use only size AA batteries.

When batteries are installed, slide the cover back into place (until it clicks into position).

- If the remote control acts erratically, replace the batteries. Typical battery life is six months to one year. We recommend using alkaline batteries for longer battery life.

  When you change the batteries, try to complete the task within three minutes. If you take longer than three minutes, the remote control codes for your VCR, DVD, and/or Cable Box may have to be reset (pages 8-10).

your cable box, satellite receiver, VCR or DVD player by using the
equipment does not respond to any of the codes listed below or to the
trol supplied by the manufacturer.

TV and/or Satellite codes for power on, power off, channel up, channel

st of codes shown below.
".
n.
ter the first code number listed using the 10 key pad.

Satellite receiver.
spond to the first code, try the others listed. If it does not respond to any
shown below.

	Cable Box	CODES
	Pulsar	051, 032
	Puser	032
	RCA	061, 070
	Realistic	032
	Regal	058, 064, 040, 041, 042, 045, 068
	Regency	034
	Rembrandt	037, 032, 051, 038
	Samsung	051
	Scientific Atlanta	057, 058, 059
	SLMark	051, 047
021, 022, 057, 023	Sprucer	051, 056
	Stargate	032, 051
	Telecaption	067
021, 022, 057, 023	Teleview	047, 051
	Texscan	044
	Tocom	035, 036, 066
	Toshiba	050
	Unika	032, 025
	Universal	022, 032
	Videoway	052
	Viewstar	029, 030
069	Zenith	063, 046
	Zenith/Drake Satellite	046

	Digital Satellite Systems	CODES
	Philips	102, 103
	Primestar	108
	Proscan	106, 109, 110
	RCA	106, 109, 110
	Sony	107
	Star Choice	104, 108
	Toshiba	101
	Uniden	102, 103

Function:

CATV.
ttons. Hold for at least three seconds and release.
atellite box responds.
. The operating codes are now set. If there was no response, repeat Step 3.
ithout a response, use the remote control which came with the equipment.

R setup

e remote control is programmed with VCR codes for power on, power off, play, stop, fast-forward, rewind, pause, ord, channel up, and channel down operation.

Find the VCR brand from the list of codes shown below.

Slide the first 2-way selector switch to "TV "and the other 2-way selector switch to "VCR ".

Press and hold down the DISPLAY button.

With the DISPLAY button held down, enter the first code number listed with the 10 key pad.

Release the DISPLAY button.

Confirm the operation of the VCR.

f your VCR does not respond to the first code, try the others listed. If it does not respond to any code, try the Search Codes Function as shown below.

Some manufacturer's VCR's may not respond to the TV/VCR button, even if other buttons work properly.

To record, hold down the REC button on the remote and press PLAY.

Rs	CODES	VCRs	CODES
miral	035	Optimus	028, 021, 035, 064
va	027, 032, 095	Orion	026, 020
ai	029, 072, 073, 074	Panasonic	023, 024, 021, 022
dio Dynamic	003, 005	Penney	024, 058, 045, 063, 003, 004, 005, 093
ll & Howell	063, 071	Pentax	058, 005, 045, 093
oksonic	020, 026, 094	Philco	031, 024, 027, 023, 026, 020, 043
non	023, 025	Philips	031, 023, 024, 086
E	043	Pioneer	023
izen	064	Proscan	045, 058, 023, 024, 031, 046, 059, 060, 033, 087, 093
aig	063, 029, 064	Quasar	021, 022, 023, 024
rtis Mathes	045, 024, 027, 093	Radio Shack	033, 024, 063, 036, 067, 040, 027
ewoo	043, 059, 024, 092	RCA	033,045,058,023,024,031,046,059,060,083,084,085,087,093
X	003, 004, 005	Realistic	024, 063, 036, 067, 040, 027
mensia	045, 093	Samsung	037, 060, 062,033, 089
nerson	043, 026, 077, 061, 025, 042, 020, 076	Samtron	089
sher	063, 066, 067, 065, 071, 091	Sansui	003, 026, 020, 052
nai	027, 026, 020, 000	Sanyo	063, 067, 091, 071
E.	033, 045, 024	Scott	059, 060, 062, 067, 038, 040, 047, 048, 026, 020
Video	037, 051, 049, 050, 089	Sears	063, 064, 065, 066, 058, 000, 001
ldstar	064	Shintom	075
adiente	083, 084, 081, 000, 001	Sharp	035, 036, 080,088
achi	023, 045, 058, 027, 081, 093	Signature 2000	027, 035
tant Replay	024, 023	Singer	075
nsen	003	Sony	028, 029, 030, 053, 054, 055
C	000, 001, 002, 003, 004, 005	SV 2000	027
nwood	003, 004, 064, 005	Sylvania	031, 023, 024, 027
l	027, 064, 058, 065, 066, 063, 067	Symphonic	027, 081
gnavox	031, 023, 024, 086	Tashiro	064
rantz	003, 004, 005	Tatung	003, 004, 005
rta	064	Teac	003, 004, 027, 005
morex	024, 067	Technics	021, 022, 023, 024
GA	038, 040, 047, 048, 041, 042	Teknika	024, 027, 070
nolta	058, 045, 093	Toshiba	059, 046, 079
subishi	038, 040, 047, 048, 041, 042, 078, 090	Vector Research	005
ltitech	047, 027, 062	Wards	035, 036, 067, 044, 064
C	003, 004, 005, 000	Yamaha	063, 003, 004, 005
mpic	024, 023	Zenith	044, 082, 064, 094

R Search Codes Function:

Slide the first 2-way selector switch to "TV " and the other 2-way selector switch to "VCR ".

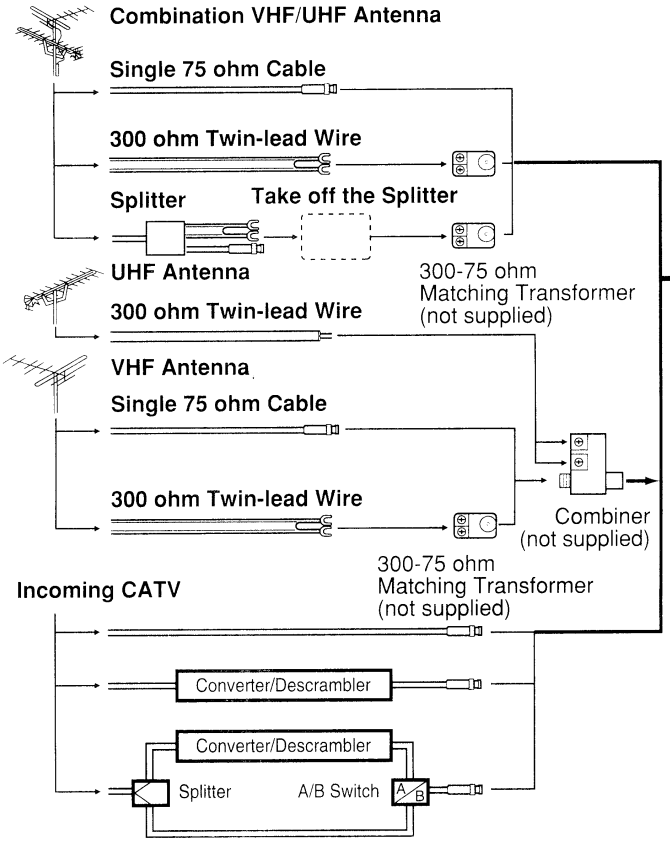
VD codes for power on, power off, play, stop, fast-forward, rewind, previous
d still/pause operation.
of codes shown below.
TV " and the other 2-way selector switch to "DVD ".
ton.
nter the first code number listed with the 10 key pad.

r.
to the first code, try the others listed. If it does not respond to any code, try
n below.
e DVD buttons may not work properly. If some buttons do not work
h came with your DVD player.

	DVD Player	CODES
	Raite	033
	RCA	021, 026
	Sampo	034
	Samsung	030
	Sharp	028
	Silvania	038
	Sony	024, 045, 046, 047
	Technics	020
	Toshiba	023
	Wave	042
	Yamaha	020
	Zenith	027, 032

'TV " and the other 2-way selector switch to "DVD ".
buttons. Hold for at least three seconds and release.
ayer responds.
N. The operating codes are now set. If there was no response, repeat Step 3.
without a response, use the manufacturers remote control which came with

ANTENNA/CATV CONNECTIONS



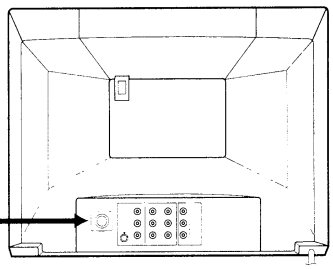


Illustration of AV-24F702

This television has an extended tuning range and can tune most cable channels without using a cable company supplied converter box. Some cable companies offer "premium pay channels" in which the signal is scrambled. Descrambling these signals for normal viewing requires the use of a descrambler device which is generally provided by the cable company.

Combination VHF/UHF Antenna (Single 75 ohm Cable or 300 ohm Twin-lead Wire)

Connect the 75 ohm cable from a combination VHF/UHF antenna to the Antenna Jack. If your combination antenna has a 300 ohm Twin-lead Wire, use the 300-75 ohm Matching Transformer (not supplied).

Combination VHF/UHF Antenna (Separate VHF and UHF 300 ohm Twin-leads)

Connect the UHF Twin-lead Wire to a Combiner (not supplied). Connect the VHF Twin-lead to the 300-75 ohm Matching Transformer (not supplied). Attach the Transformer to the Combiner. Attach the Combiner to the Antenna Jack.

Separate VHF/UHF Antennas

Connect the 75 ohm Cable from the VHF antenna and the UHF antenna Twin-lead to a combiner (not supplied). Attach the Combiner to the Antenna Jack.

NOTE: If your VHF antenna has a Twin-lead Wire, use the 300-75 ohm Matching Transformer (not supplied), then connect the Transformer to the Combiner.

For Subscribers to Basic Cable TV Service

For basic cable service not requiring a Converter/Descrambler box, connect the CATV 75 ohm Coaxial Cable directly to the Antenna Jack on the back of the television.

For Subscribers to Scrambled Cable TV Service

If you subscribe to a cable service which requires the use of a Converter/Descrambler box, connect the incoming cable to the Converter/Descrambler box and connect the output of the box to the Antenna Jack on the back of the television. Follow the connections shown left. Set the television to the output of the Converter/Descrambler box (usually channel 3 or 4) and use the Converter/Descrambler box to select channels.

For Subscribers to Unscrambled Basic Cable with Scrambled Premium Channels

If you subscribe to a cable service in which basic cable channels are unscrambled and premium channels require the use of a Converter/Descrambler box, you may wish to use a two-set signal splitter (sometimes called a "two-set coupler") and an A/B Switch box from the cable installer or an electronics supply store. Follow the connections shown left. With the switch in the "B" position, you can directly tune any nonscrambled channels on your TV. With the switch in the "A" position, tune your TV to the output of the Converter/Descrambler box (usually channel 3 or 4) and use the box to tune scrambled channels.

THER EQUIPMENT

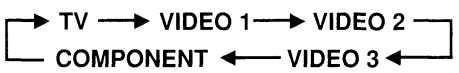
nnect various video and audio components to the TV is dependent on the model
e User's Guide provided with each component for the location of video and audio

re offered as suggestions. You may need to modify them to accommodate your
diagrams are intended to show component video and audio interconnections only.

node to use the TV as a monitor.

V game or DVD you can select by pressing the INPUT button.

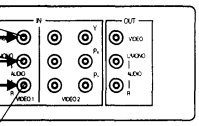
ct the desired



An indication of input source will display on the screen for 4 seconds.

)

ear of TV



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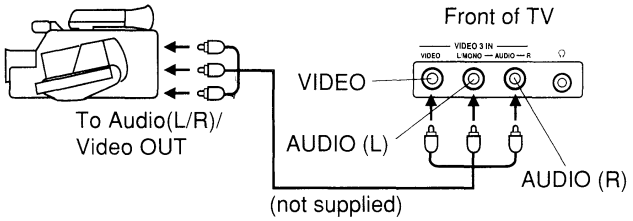
3. To connect the TV to a camcorder

To playback from the camcorder, connect the camcorder to the TV as shown.



UT button to

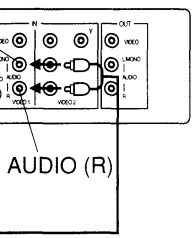
- Select "VIDEO 3" by pressing the INPUT button to display the camcorder picture.

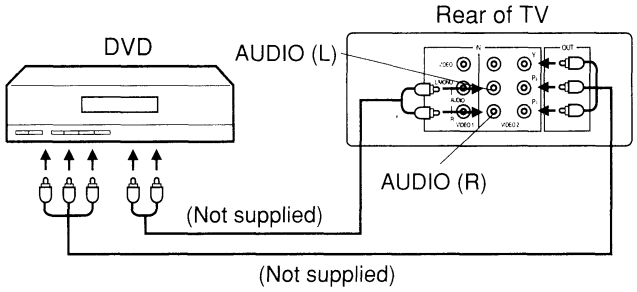
-VIDEO jack
ck to the S-
also connect the
) jacks on the
arries the video

4. To connect the TV to a DVD with COMPONENT VIDEO OUT Jacks.

If you connect a DVD with the COMPONENT VIDEO OUT jacks to the COMPONENT VIDEO IN (Y, PB, PR) jacks on the rear of TV, you must also connect the audio cables to the AUDIO IN (VIDEO 2 IN) jacks on the rear of the TV.

Rear of TV





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deo cable.

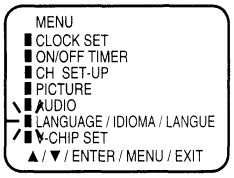
- Select "COMPONENT" by pressing the INPUT button to display the DVD picture.
- If you have a DVD without COMPONENT VIDEO OUT jacks, connect the video cable to VIDEO IN (VIDEO 2 IN) jack. In this case, select "VIDEO 2" by pressing the INPUT button to display the DVD picture.

SETTING LANGUAGE

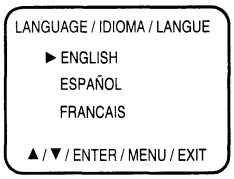
This TV can display the channel number, on-screen displays and picture adjustments on the screen in English, Spanish or French.
On-screen language selection (step 3) will automatically appear on the screen when you press the MENU button initially. Select the language you prefer first, then proceed with the other menu options.

1 Press the MENU button.

2 Press the CH + (▲) or – (▼) button to select the LANGUAGE mode, then press the ENTER button.



3 Press the CH + (▲) or – (▼) button until the " ► " indicator points to the desired language: English (ENGLISH), Spanish (ESPAÑOL) or French (FRANCAIS), then press the ENTER button.



4 Press the EXIT button.

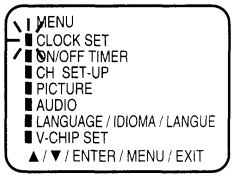
NOTE:
If Spanish or French is chosen, the Closed Caption indicators will be in the selected language, but the Closed Caption text will not be affected by the language selection.

SETTING CLOCK

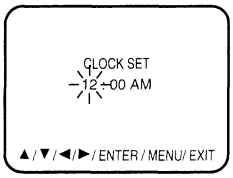
You must set the time manually for DISPLAY and ON/OFF TIMER.

1 Press the MENU button.

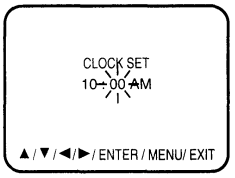
2 Press the CH + (▲) or CH – (▼) button until the indicator next to "CLOCK SET" begins to flash, then Press the ENTER button.



3 Press the CH + (▲) or CH – (▼) button to set the hour, then press the VOL + (▶) button.



4 Press the CH + (▲) or CH – (▼) button to set the minute.



5 Press the EXIT button.

NOTES:
- After a power failure or disconnection of the power plug, the time display will be lost. In this case, set present time again.
- When you set the minute, you can change in 10-minutes by holding down the CH + (▲) or CH – (▼) button.

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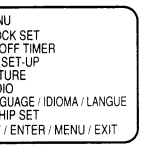

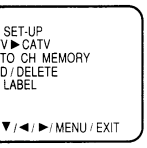

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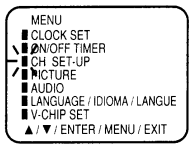
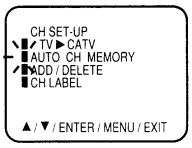
AUTOMATIC CHANNEL MEMORY

1 Press the MENU button.



2 Press the CH + (▲) or – (▼) button until the indicator next to "CH SET-UP" begins to flash, then press the ENTER button.

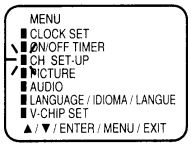
3 Press the CH + (▲) or – (▼) button until the indicator next to "AUTO CH MEMORY" begins to flash, then press the ENTER button. The TV will begin memorizing all the channels available in your area.



4 Press the EXIT button.

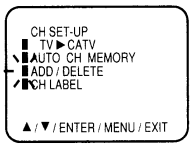
TO ADD/DELETE CHANNELS

1 Press the MENU button.



2 Press the CH + (▲) or – (▼) button until the indicator next to "CH SET-UP" begins to flash, then press the ENTER button.

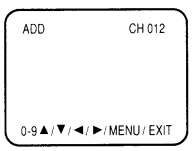
3 Press the CH + (▲) or – (▼) button until the indicator next to "ADD/ DELETE" begins to flash, then press the ENTER button.



4 Select the desired channels to be added or deleted using the 10-key pad (0-9) or the CH + or – button.

5 Press the VOL + (▶) or – (◀) button to select ADD or DELETE.
If an unmemorized channel was selected (step 4), the channel indication will be red. Press the VOL + (▶) or – (◀) button if you wish to ADD the unmemorized channel. The channel indicator will change from red to green when a channel is added and the channel will be memorized. If a memorized channel was selected (step 4), the channel indication will be green.

Press the VOL + (▶) or – (◀) button if you wish to DELETE the channel from memory. The channel indicator will change from green to red when a channel is deleted.
Repeat Steps 4 and 5 for each channel to be added or deleted.



6 Press the EXIT button after adding or deleting all of the desired channels, to return to normal TV viewing.

TO MEMORIZE CHANNELS (CONTINUED)

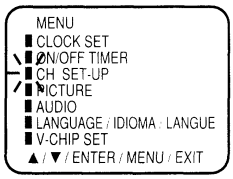
CH LABEL

You can labal every channel up to 4 characters.
Channel labels will appear over the channel number display each time you select a channel.

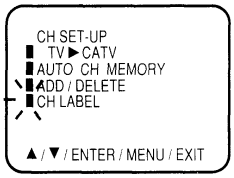
1 Select a channel you want to label by pressing the 10-key pad or CH + or - button.

2 Press the MENU button.

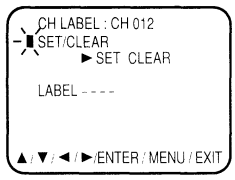
3 Press the CH + (▲) or – (▼) button until the indicator next to "CH SET-UP" begins to flash, then press the ENTER button.



4 Press the CH + (▲) or – (▼) button until the indicator next to "CH LABEL" begins to flash, then press the ENTER button.

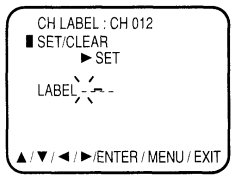


5 Press the VOL + (▶) or – (◀) button to select "SET" or "CLEAR". Select "SET" in case you have a channel to label or change. Select "CLEAR" in case you have a channel to delete. Then press the ENTER button.



6 Go to step 7 when you select the "SET".
Go to step 9 when you select the "CLEAR".

7 Now the bar for the first space is flashing. Press the VOL + (▶) or – (◀) button to enter a character in the first space. Press the button repeatedly until the character you want appears on the screen. Then press the ENTER button.



NOTE:
The character will change as below.

– ←→ 0 ←→ ··· ←→ 9 ←→ A ←→ ···
←→ Z ←→ SPACE ←→ + ←→ –

8 Repeat step 7 to enter the rest of the characters from second to fourth.

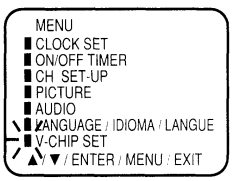
9 Press the ENTER button to register.

10 Press the EXIT button.

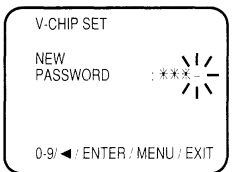
SETTING V-CHIP

This TV is fitted with a V-CHIP controller which provides you with channel viewing access controls and restrictions. This function is to prevent your children from watching violence or sexual scenes that may be harmful.

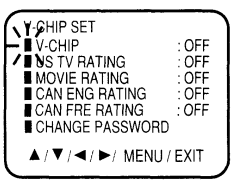
1 Press the MENU button and press the CH + (▲) or – (▼) button to select the V-CHIP SET option, then press the ENTER button.



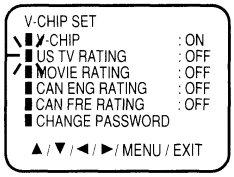
2 Enter your password (4 digits) using the 10-key pad (0-9). In the event of entering incorrect password press the VOL – (◀) button. Then press the ENTER



4 Press the CH + (▲) or – (▼) button to select the V-CHIP option.
Press the VOL + (▶) or – (◀) button to select the ON.



5 For U.S.
Press the CH + (▲) or – (▼) button to select the US TV RATING or MOVIE RATING option.
For Canadian
Press the CH + (▲) or – (▼)



MOVIE RATING

VOL – (◀) ⟷ VOL + (▶)

TV-14 ↔ TV-MA

OFF ↔ G ↔ PG ↔ PG-13 ↔ R ↔ NC-17 ↔ X

guidance
old and above
old and above

ss the DISPLAY

sired rating you
the setting ON
ss the MENU

G : all ages
PG : parental guidance
PG-13 : parental guidance less than 13 years old
R : under 17 years old parental guidance suggested
NC-17 : 17 years old and above
X : adult only

CAN FRE RATING

VOL + (◀) ⟷ VOL – (▶)

14+ ↔ 18+

OFF ↔ E ↔ G ↔ 8ans+ ↔ 13ans+ ↔ 16ans+ ↔ 18ans+

Over

E : Exemptées.
G : Général.
8ans+ : Général-Déconseillé aux jeunes enfants.
13ans+ : Cette émission peut ne pas convenir aux enfants de moins de 13 ans.
16ans+ : Cette émission ne convient pas aux moins de 16 ans.
18ans+ : Cette émission est réservée aux adultes.

eps 1 and 2 and select "CHANGE PASSWORD" option then enter your

rograms and tapes that have the rating signal.
ip function, the blocked program cannot be watched based on the content
"IF YOU CANCEL PROTECT, INPUT PASSWORD" will appear on the
hip temporarily, enter the password.
the TV while releasing the V-Chip temporarily, the V-Chip setting will be

x or the VCR with the RF Modulator, then you release the V-Chip
esumed until you turn off the TV. The TV channel is not used in this case.
box or the VCR, approximately 10 seconds will pass until the program

you can cancel the existing password by the following procedure:

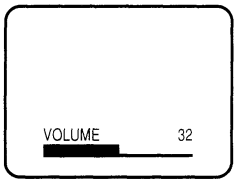
unit and press "0" key of remote control simultaneously for a few

TV BASIC OPERATION

efore operate your TV select TV position of the TV/CATV witch on the remote to control the TV with the remote.

1 To turn on the TV, press the POWER button.

2 The VOLUME can be adjusted to a desired level by pressing the VOL (VOLUME) + or – button.
Adjust the volume level by pressing the VOLUME + or – button. The volume level will be indicated on the screen by green bar. As the volume level increases, so do the number of bar. If the volume decreases, the number of green bar also decreases.

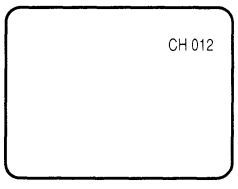


The sound level will be indicated on the TV screen by green bars and a number. As the sound level increases, so do the number of bars and the number on the screen. The same is true for decreasing the level.

3 Set the TV/CATV menu option to the appropriate position. When shipped from the factory, this menu option is in the CATV setting. See "TO MEMORIZE CHANNELS".

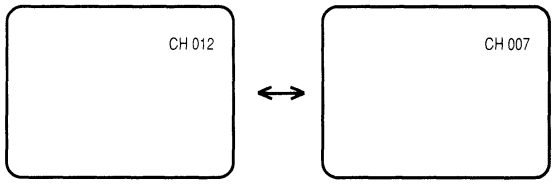
TV	- VHF/UHF channels
CATV	- CABLE TV channels

4 **CH (CHANNEL) + and – buttons**
Press and release the CH (CHANNEL) + or – button. The channel automatically stops at the next channel set into memory.

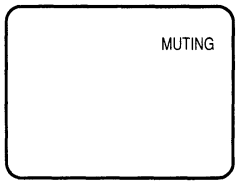


For proper operation, before selecting channels, they should be set into the TV's memory. See "TO MEMORIZE CHANNELS".

RETURN button
Returns to the channel viewed just before the channel currently onscreen.



MUTING button
The MUTING button instantly turns the volume down completely when you press it.
Press MUTING button and the volume level will instantly go to zero. To restore the volume to its previous level, press MUTING button again.



10-key pad (0-9)
Press these buttons to select a channel. The channel number will appear on the upper right corner of the TV screen. If an invalid channel number is selected, the display will revert to the original channel.

TV Mode Direct Channel Selection
When the TV/CATV menu option is in the TV position, all channels can be instantly selected by using two buttons. (For example, to select channel 2, press "0", then "2". If you press only "2", channel selection will be delayed for a few seconds). For channels 10 and above, press the 2 digits in order.

CATV Mode Direct Channel Selection
When the TV/CATV menu option is in the CATV position, channels can be selected as follows:

CH. 1-9	Press "0" twice, then 1-9 as needed. Example, to select channel 2, press "002".
CH. 10-12	Press "0", then remaining 2 digits. Example, to select channel 12, press "012".
CH. 13-99	Press the 2 digits in order. Example, to select channel 36, press "36".
CH. 100-125	Press the 3 digits in order. Example, to select channel 120, press

VIDEO 1

The input source changes as below.

ATE AUDIO PROGRAM (SAP)

Multi-channel
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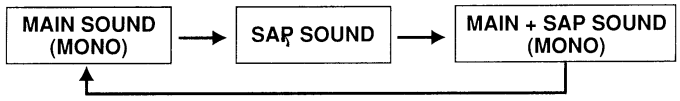
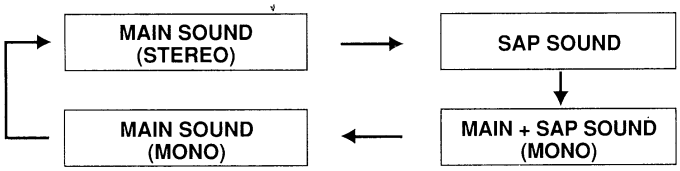
LISTENING TO SAP (SEPARATE AUDIO PROGRAM)
When the TV is turned on or a channel selection is made, make certain the SAP appears on the screen. This means that the "Separate Audio Program" broadcasting is available.

TO SELECT DESIRED SOUND
Press the AUDIO SELECT button to select the desired sound.

MONO+SAP BROADCASTING

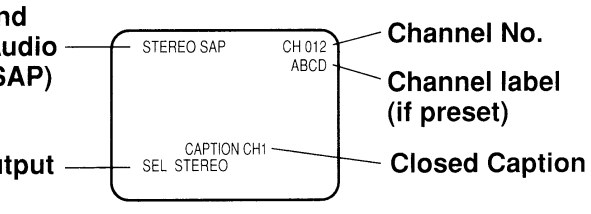


STEREO+SAP BROADCASTING

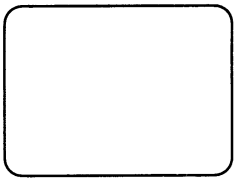


rrent informations on the screen.

Press Twice



Press 3 times



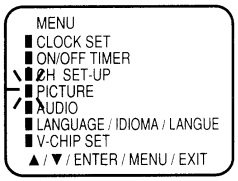
Clear the current informations

PICTURE ADJUSTMENTS

You can adjust the settings for color, sharpness, contrast, brightness, tint and component.

1 Press the MENU button.

2 Press the CH + (▲) or – (▼) button until the indicator next to "PICTURE" begins to flash, then press the ENTER button.



3 Press the CH + (▲) or – (▼) button repeatedly to select the item you want to adjust.

BRIGHTNESS ↔ CONTRAST ↔ COLOR
COMPONENT ↔ SHARPNESS ↔ TINT

4 Press the VOL + (▶) or – (◀) button to adjust the setting.

	+	–
BRIGHTNESS	increase brightness	decrease brightness
CONTRAST	increase contrast	decrease contrast
COLOR	be brilliant color	be pale color
TINT	be greenish color	be reddish color
SHARPNESS	makes picture clearer	makes picture softer
COMPONET	be best picture for DVD	indicate video device except DVD

TO RETURN TO INITIAL SETTING
Press the STANDARD button while the picture adjusting mode appears on the screen (except the adjusting component).

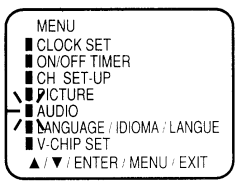
NOTE: The on-screen display will disappear 6 seconds after finishing an adjustment. The settings can only be adjusted when they are displayed on the TV screen.

SOUND ADJUSTMENTS

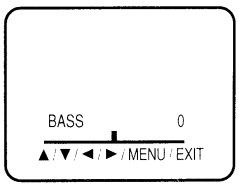
You can adjust the setting for bass, treble, balance and stable sound.

1 Press the MENU button.

2 Press the CH + (▲) or – (▼) button until the indicator next to "AUDIO" begins to flash, then press the ENTER button.



3 Press the CH + (▲) or – (▼) button repeatedly to select the item you want to adjust.



BASS ↔ TREBLE ↔ BALANCE ↔ STABLE SOUND

4 Press the VOL + (▶) or – (◀) button to adjust the setting.

	+	–
BASS	makes the bass sound stronger	makes the bass sound weaker
TREBLE	makes the treble sound stronger	makes the treble sound weaker
BALANCE	makes the output level of right speaker stronger	makes the output level of left speaker stronger
STABLE SOUND	STABLE SOUND "ON"	STABLE SOUND "OFF"

TO RETURN TO INITIAL SETTING
Press the STANDARD button while the sound adjusting mode appears on the screen.

STABLE SOUND FEATURE
When the loud sound is made, the stable sound feature automatically lower the sound.

NOTE: The on-screen display will disappear 6 seconds after finishing an adjustment. The settings can only be adjusted when they are displayed on

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Text: The Text Closed Caption Mode will usually fill 1/2 of full screen with a programming schedule or other information. After selecting a Closed Caption Mode, it will stay in effect until it is changed, even if the channel is changed. If the Captions signal is lost due to a commercial or a break in the signal, the Captions will reappear when the signal is received again. If the channels are changed, the Captions will be delayed approximately 10 seconds. The Captions will appear in places on the screen where they will least interfere with the picture, usually on the bottom of the screen. News programs will usually show three-line Closed Captions which scroll onto the screen. Most other shows provide two or three lined Captions placed near the character who is speaking so the viewer can follow the dialogue. Words in italics or underlined describe titles, words in foreign languages or words requiring emphasis. Words that are sung usually appear enclosed by musical notes. For television programs broadcasting with Closed Captions, look in your TV guide for the Closed Captions symbol (CC).

ecoder, there will be a short delay before the Closed Captioned text appears

n locations where it is available.
ns will appear, but the television will remain in the Caption Mode.
occasionally appear during Closed Captioning. This is normal with Closed
. This is because during live programs, captions are also entered live.
r editing.
creen displays, such as volume and MUTING may not be seen or may

n systems may interfere with the Closed Captioned signal.
tion is very poor, the Closed Caption Decoder may not appear or may
elled words. In this case, adjust the antenna for better reception or use an

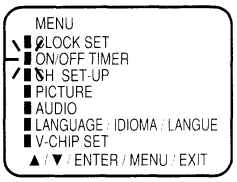
ON/OFF TIMER

ON TIMER SETTING

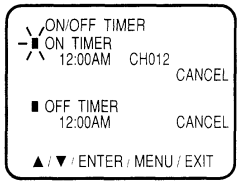
This feature allows you to have the TV automatically turn "ON" at predetermined time.
If you program the "ON" timer once the timer will turn "ON" the TV daily at the same time and to the same channel.
If the power has been turned on at programmed time, the channel is changed to a programmed one.

1. Press the MENU button.

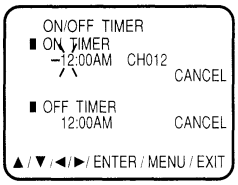
2. Press the CH + (▲) or CH – (▼) button until the indicator next to "ON/OFF TIMER" begins to flash, then press the ENTER button.



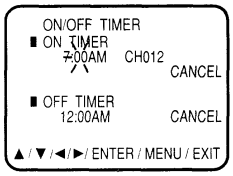
3. Press the CH + (▲) or CH – (▼) button until the indicator next to "ON TIMER" begins to flash, then press the ENTER button.



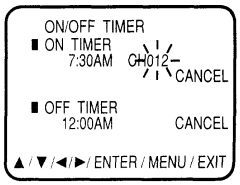
4. Press the CH + (▲) or CH – (▼) button to set the hour, then press the VOL + (▶) button.



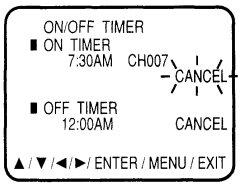
5. Press the CH + (▲) or CH – (▼) button to set the minute, then press the VOL + (▶) button.
   - You can change in 10-minutes step by holding down the CH + (▲) or CH – (▼) button.



6. Press the CH+ (▲) or CH – (▼) button to set the channel, then press the VOL+ (▶) button.
   - You can set the channel which is added in the CH SET-UP option.



7. Press the CH + (▲) or CH – (▼) button to select the SET mode.



8. Press the EXIT button.

NOTES:

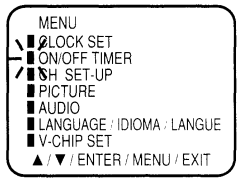
You cannot set the ON/OFF TIMER when the clock is not set.
This TV will automatically turn off approximately 1 hour later after the ON TIMER turns on the TV unless any buttons are pressed.
To cancel the ON TIMER function:
To cancel ON TIMER in step 7 above press the CH + (▲) or CH – (▼) button to select the CANCEL mode.

OFF TIMER SETTING

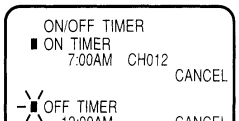
This feature allows you to have the TV turn "OFF" automatically at a predetermined time.
If you program the OFF TIMER once, The TV will be automatically turned off at the same time daily.

1. Press the MENU button.

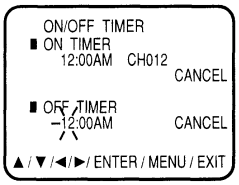
2. Press the CH + (▲) or CH – (▼) button until the indicator next to "ON/OFF TIMER" begins to flash, then press the ENTER button.



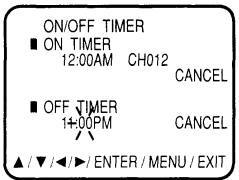
3. Press the CH + (▲) or CH – (▼) button until the indicator next to "OFF TIMER" begins to flash, then press the ENTER button.



4. Press the CH + (▲) or CH – (▼) button to set the hour, then press the VOL + (▶) button.



5. Press the CH + (▲) or CH – (▼) button to set the minute then press the VOL + (▶) button.
   - You can change in 10-



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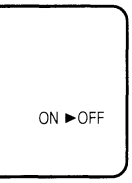
- BBE is a registered trademark of BBE Sound, Inc. For U.S., licensed from BBE Sound, Inc. under USP 4638258, 4482866 and 5510572. For Canada, licensed from BBE Sound, Inc. BBE is a registered trademark of BBE Sound, Inc.



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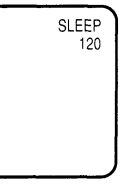

- To change the sleep timer setting:
  Press the SLEEP TIMER button repeatedly until the display turns to desired time.
- To cancel the sleep time:
  Press the SLEEP TIMER button repeatedly until the display turns to 0.

basic
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nel scan,

Move the selector switch to VCR to operate.

- The remote is preset with the code 000 to control JVC-brand VCR's. For any other manufacturer's brand VCR, please see the code chart and instructions on page 9.

e the basic
include
vious/

Move the selector switch to DVD to operate.

- The remote is preset with the code 000 to control JVC-brand DVD players. For any other manufacturer's brand DVD player, please see the code chart and instructions on page 10.

box to
e the

Move the switch to CATV to operate a cable box.

- See page 8 for information on programming your remote for cable box operation.

buttons

Use the VCR/DVD selector switch to choose either VCR or DVD operation.

- See pages 9 and 10 for information on programming your remote with VCR and DVD operating codes.

TROUBLESHOOTING GUIDE

Before requesting service, please refer to the following chart for the symptom and possible solution.

SYMPTOMS	POSSIBLE SOLUTIONS
TV does not operate	• Make sure the power cord is plugged in. • Try another AC outlet. • Power is off, check fuse or circuit breaker. • Unplug unit for an hour, then plug it back in. • Set the 2 way selector switch on the remote control correctly (See page 7).
Poor sound or No sound	• Station or CATV experiencing problems, tune to another station. • Check sound adjustments (Volume and Muting). • Check for sources of possible interference.
Poor picture or No picture	• Station or CATV experiencing problems, tune to another station. • Make sure channels are set into memory. • Check antenna or CATV connections, reorient antenna. • Check for sources of possible interference. • Check picture control adjustments.
Poor reception on some channels	• Station or CATV experiencing problems, tune to another station. • Make sure channels are set into memory. • Station signal is weak, reorient antenna to receive desired station. • Check for sources of possible interference.
Poor color or no color	• Station or CATV experiencing problems, tune to another station. • Make sure channels are set into memory. • Check picture control adjustments. • Check antenna or CATV connections, reorient antenna. • Check for sources of possible interference.
Picture wobbles or drifts	• Station or CATV experiencing problems, tune to another station. • Make sure channels are set into memory. • CATV company is scrambling signal. • Check antenna orientation.
No CATV reception	• Check all CATV connections. • Set TV/CATV menu option to the CATV mode. • Station or CATV system problems, try another station.
Horizontal or diagonal bars on screen	• Check antenna connections, reorient antenna. • Check for sources of possible interference.
No reception above channel 13	• Make sure TV/CATV menu option is in the appropriate mode. • If using antenna, check UHF antenna connections.
No Remote operation	• Batteries are weak, dead or inserted incorrectly. • Remote is out of range, move closer to TV within (15 feet). • Make sure Remote is aimed at sensor. • Confirm there are no obstructions between the Remote and the TV. • Make sure the power cord is plugged in. • Set the 2 way selector switch on the remote control correctly (See page 7).
TV shuts off	• No broadcast on station tuned. • Sleep Timer is set. • ON/OFF TIMER is set. • Power interrupted. • Approximately 1 hour has passed after the ON TIMER turns on and no button was pressed (See page 21).
Closed - Caption is not activated.	• TV station experiencing problems or program tuned is not closed captioned. Try another channel. • Check CATV connection or VHF/UHF antenna, reposition or rotate antenna.

	AV-24F702	AV-20F702
	120 V, 60 Hz	
	137W 24" (measured diagonally) 5 W + 5 W	105W 20" (measured diagonally) 2.5 W + 2.5 W
	2" x 4-3/4", 8 ohm x 2 COMPONENT Input: Y-Input: 1.0Vp-p, 75 ohm PB, PR-input: 0.7Vp-p, 75 ohm S-Video Input Y-Input: 1.0Vp-p, 75 ohm C-Input: 0.3Vp-p, 75 ohm Video Input: 1.0Vp-p, 75 ohm Audio Input: –8dB, 47k ohm 181 Channel, Quartz PLL Frequency Synthesized 2-13 14-69 01-97 (5A)-(A-3) 98-99 (A-2)-(A-1) 14-22 (A)-(I) 23-36 (J)-(W) 37-65 (AA)-(FFF) 66-125 (GGG)-(125) 75 ohm (VHF/UHF/CATV) Coaxial Input	
	26-1/2" (W) x 19-1/8" (D) x 20-1/8" (H) 72.6 lbs	23-1/4" (W) x 19-5/8" (D) x 17-1/2" (H) 50.6 lbs

ge without notice.

JVC®

OF AMERICA
JVC CORP.
Road
rsey 07470

JVC CANADA, INC.
21 Finchdene Square
Scarborough, Ontario
Canada M1X 1A7

AUTHORIZED SERVICE CENTERS

QUALITY JVC® SERVICE

HOW TO LOCATE YOUR JVC SERVICE CENTER

TOLL FREE : 1(800)537-5722
http://www.jvcservice.com

Dear Customer;
In order to receive the most satisfacation from your purchase, read the instruction booklet before operating the unit. In the event that repair is necessary, or for the address nearest your location, please refer to the factory service center list below or within the Continental United States, call 1-800-537-5722 for your authorized servicer. Remember to retain your Bill of Sale for Warranty Service.

— JVC

JVC SERVICE & ENGINEERING COMPANY OF AMERICA
DIVISION OF JVC AMERICAS CORP.

FACTORY SERVICE CENTER LOCATIONS

Dear customer;

In order to receive the most satisfaction from your purchase, read this guide before operating the unit, and before calling for service make sure you check the Troubleshooting pages at the end of this book. In the event that repair is necessary, or for the address nearest you, please refer to the factory service center list below, or within the continental United States, call the toll free number above for an authorized service center. Remember to retain your bill of sale for warranty service.

10 New Maple Avenue
Pine Brook, NJ07058-9641
(973)396-1000

1500 Lakes Parkway
Lawrenceville, GA 30243-5857
(770)339-2582

705 Enterprise Street
Aurora, IL 60504-8149
(630)851-7855

5665 Corporate Avenue
Cypress, CA 90630-0024
(714)229-8011

2969 Mapunapuna Place
Honolulu, HA 96819-2040
(808)833-5828

10700 Hammerly Suite 110
Houston, TX 77043
(713)-935-9331

13 Cummings Park
Woburn, MA 01801
(781)376-9100

8192 State Road 84
Davie, FL 33324
(954)472-1960

890 Dubuque Avenue
South San Francisco, CA 94080-1804
(650)871-2666

Sophisticated electronic products may require occasional service. Just as quality is a keyword in the engineering and production of the wide array of JVC products, service is key to maintaining the high level of performance for which JVC is world famous. The JVC service and engineering organization stands behind our products.
National Headquarters

JVC Service & Engineering Company of America
Division of JVC Americas Corp.
1700 Valley Road
Wayne, New Jersey 07470

IF YOU SHIP THE PRODUCT

Pack your JVC unit in the original carton or one of equivalent size and strength. Enclose, with the unit, a letter stating the problem or symptom that exists and also a copy of the receipt or bill of sale you received when you purchased your JVC unit. Print your home return address on the outside and inside of the carton, Send to the appropriate JVC Factory Service Center as listed above.

Don't service it yourself.

CAUTION
To prevent electrical shock, do not open the cabinet. No user serviceable parts inside. Refer to qualified service personnel.

ACCESSORIES

To purchase accessories for your JVC product, you may contact your local JVC Dealer. Or from the 48 Continental United States call toll free : 1(800)882-2345

BT-51012-5H
(1099)
5501202A K

PRINTED IN THAILAND

LIMITED WARRANTY

JVC

For Canadian model televisions, see separate sheets for Warranty/Garantie and JVC Authorized Service Centers in Canada.

JVC COMPANY OF AMERICA warrants this product and all part thereof, except as set forth below ONLY TO THE ORIGINAL PURCHASER AT RETAIL to be FREE FROM DEFECTIVE MATERIALS AND WORKMANSHOP from the date of the original retail purchase for the period shown below(the "Warranty Period") (PICTURE TUBE is covered for Two (2) years.)

Parts	1 YEAR	Labor	90 DAYS

THIS LIMITED WARRANTY IS VALID ONLY IN THE FIFTY(50) UNITED STATES, THE DISTRICT OF COLUMBIA AND IN COMMONWEALTH OF PUERTO RICO.

WHAT WE WILL DO:
If this product is found to be defective within the warranty period, JVC will repair or replace defective parts at no charge to the original owner. Such repair and replacement service shall be rendered by JVC during normal business hours at JVC authorized service centers. Parts used for replacement are warranted only for the remainder of the Warranty Period. All products and parts thereof may be brought to a JVC authorized service center on a carry-in basis. Televisions with a screen size of 25 inches and larger may be covered on an in-home basis where such service is available.

WHAT YOU MUST DO FOR WARRANTY SERVICE:
To determine if in-home service is available in your area, either contact the selling dealer (retailer) or call 1-800-537-5722 to locate the nearest JVC authorized service center. Service locations can also be obtained from our website http://www.jvcservice.com. In-home service, if available, will require clear access to the Television by the service representatives. If in-home service is not available, carry-in service will be provided.

If service is not available locally, box the product carefully, preferably in the original carton, and ship, insured, with a copy of your bill of sale plus a letter of explanation of the problem to the nearest JVC-Factory Service Center, the name and location of which will be given to you by the toll free number.

If you have any questions concerning your JVC Product, please contact our Customer Relations Department.

WHAT IS NOT COVERED:
This limited warranty provided by JVC does not cover:
1. Products which have been subject to abuse, accident, alteration, modification, tampering, negligence, misuse, faulty installation, lack of reasonable care, or if repaired or serviced by anyone other than a service facility authorized by JVC to render such service, or if affixed to any attachment not provided with the products, or if the model or model or serial number has been altered, tempered with, defaced or removed;
2. Intial installation, installation and removal, from "built in" entertainment centers, and other mouting systems.
3. Operational adjustments covered in the Owner's Manual, normal maintenance, video and audio head cleaning,
4. Damage that occurs in shipment, due to act of God, and cosmetic damage;
5. Signal reception problems and failures due to line power surge;
6. Video Pick-up Tubes/CCD image Sensor, Cartridge, Stylus (Needle) are covered for 90 days from the date of purchase;
7. Accessories;
8. Batteries(except that Rechargeable Batteries are covered for 90 days from the date of purchase).

There are no express warranties except as listed above.

THE DURATION OF ANY IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY, IS LIMITED TO THE DURATION OF THE EXPRESS WARRANTY HEREIN.

JVC SHALL NOT BE LIABLE FOR ANY LOSS OF USE OF THE PRODUCT, INCONVENIENCE, OR ANY OTHER DAMAGES, WHETHER DIRECT, INCIDENTAL OR CONSEQUENTIAL(INCLUDING, WITHOUT LIMITATION, DAMAGE TO TAPES, RECORDS OR DISCS) RESULTING FROM THE USE OF THIS PRODUCT, OR ARISING OUT OF ANY BREACH THIS WARRANTY. ALL EXPRESS AND IMPLIED WARRANTIES, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSE, ARE LIMITED TO THE WARRANTY PERIOD SET FORTH ABOVE.

Some states do not allow the exclusion of incidental or consequential damages or limitations on how long an implied warranty lasts, so these limitations or exclusions may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

JVC COMPANY OF AMERICA
DIVISION OF JVC AMERICAS CORP.
1700 Valley Road
Wayne, New Jersey 07470
http://www.jvcservice.com

REFURBISHED PRODUCTS CARRY A SEPARATE WARRANTY, THIS WARRANTY DOES NOT APPLY. FOR DETAIL OF REFURBISHED PRODUCT WARRANTY, PLEASE REFER TO THE REFURBISHED PRODUCT WARRANTY INFORMATION PACKAGED WITH EACH REFURBISHED PRODUCT.

For customer use:
Enter below the Model No. and Serial No. which is located either on the rear, bottom or side of the cabinet.
Retain this infomation for future reference.

Model No. :_____ Serial No. : _____.
Purchase Date : _____ Name of Dealer : _____.

Thank you for purchasing

JVC®

Please do not send products or other correspondence to this address.

307 C

PLACE FIRST-CLASS STAMP HERE

JVC®

PRODUCT REGISTRATION DEPARTMENT
PO BOX 13274
DENVER CO 80201-3274

PRODUCT REGISTRATION CARD/QUESTIONNAIRE

US CUSTOMERS ONLY

Please return this registration card today to qualify for a monthly drawing that could reimburse you for the cost of your JVC product.

Registering your product will allow us to contact you in the unlikely event a product safety notification is required.

This is not a warranty card. Retain your bill of sale for proof of warranty coverage.

THANK YOU FOR PURCHASING THIS JVC PRODUCT

REGISTER ONLINE AT: WWW.JVC.COM

IMPORTANT! Please fill-out and return within 10 days!

307 C JVC®

1 **First Name:** **Initial:** **Last Name:**

Address: (Number and Street) **Apt #:**

City: **State:** **Zip Code:**

2 **Phone #:**

3 **E-mail Address:**
If you voluntarily provide us with your email address, you give us permission to share and use your email address to send you email offers that may interest you.

(EXAMPLE: yourname@yourhost.com)

4 **Date of purchase:** Month Day Year

5 **Model Number:**

6 **Serial Number:**

7 **Name of store where purchased:**

8 **Purchase Price:** $ .00

9 **Did you:**
1. o Purchase this product yourself?
2. o Receive this product as a gift?

10 **Is this product:**
1. o The first product of this type you have ever owned?
2. o A replacement for a similar JVC product?
3. o A replacement for a similar product made by another company?
4. o An addition to a similar product you are still using?

11 **What factors most influenced your decision to purchase this product?**
1. o JVC brand reputation
2. o Previous experience with JVC products
3. o Price
4. o Specific product features
5. o Style/appearance
6. o Salesperson's recommendation
7. o Friend's/relative's recommendation
8. o Warranty coverage
9. o Other_____

12 **A. If you have purchased a mobile audio product, please tell us about the car or truck in which it was installed, otherwise, please tell us about the newest car or truck in your household.**

Make: (e.g. Ford)

Model: (e.g. Taurus SHO)

Year:

B. Please check which applies:
1. o Own
2. o Lease

13 **Would you like information on JVC accessories or other JVC products related to the item you purchased?**
1. o Yes 2. o No

14 **Would you be interested in purchasing an extended warranty for your JVC product?** 1. o Yes 2. o No

15 **Your gender:** 1. o Male 2. o Female

16 **Your marital status:** 1. o Married 2. o Single

18 **Including yourself, what is the total number of people living in your household?**
(Examples: 01, 02, 03, 04...)

19 **Date of birth (month/year) of the other adults and children in your household:**

Male	Female	Male	Female
1. o	2. o Month Year	1. o	2. o Month Year
1. o	2. o Month Year	1. o	2. o Month Year

20 **For your primary residence, do you:**
1. o Own 2. o Rent

21 **Which best describes your family income?**
1. o Under $15,000
2. o $15,000-$24,999
3. o $25,000-$34,999
4. o $35,000-$49,999
5. o $50,000-$74,999
6. o $75,000-$99,999
7. o $100,000-$124,999
8. o $125,000-$149,999
9. o $150,000-$174,999
10. o $175,000-$199,999
11. o $200,000-$249,999
12. o $250,000 or over

22 **Education:**
(Please check which category applies to you):
1. o Some high school
2. o Completed high school
3. o College degree
4. o Graduate degree

23 **In the last six (6) months has anyone in your household purchased any of the following items through the mail and/or over the internet?**

	A. Mail	B. Internet
1. Books/magazines	o	o
2. Children's products	o	o
3. Clothes	o	o
4. Insurance/financial products	o	o
5. Music/video/DVD	o	o
6. Travel	o	o
7. Other	o	o

24 **I use these credit cards:**
1. o American Express
2. o Gas/Retail
3. o Master Card
4. o Visa
5. o Other_____
6. o Do not have credit cards

25 **Someone in my home participates in the following activities:**
(Check all that apply)
1. o Automotive work
2. o Bible/devotional
3. o Boating/sailing
4. o Camping/hiking
5. o Casino gambling
6. o Contribute to charitable causes
7. o Crafts
8. o Cultural art/events
9. o Cycling
10. o Do-it-yourself
11. o Enter sweepstakes/contests
12. o Fishing
13. o Fitness/exercise/jogging
14. o Gardening
19. o Hunting/shooting
20. o Investments (mutual funds, IRA's)
21. o Investments (stocks & bonds)
22. o Movie watching
23. o Own a cat
24. o Own a dog
25. o Personal computing / internet
26. o Photography
27. o Read books
28. o Snow skiing
29. o Self improvement
30. o Soccer
31. o Tennis
32. o Travel-Foreign